Selective Soup | Justin Zou (Piggy), Wen Hao Dong (Jal Hordan), Roshani Shrestha (Pete)
SoftDev
K17: P00: Half Quick - Design for P00
2021-10-26
Time spent: .45 hours

Components of the Project:

Python file with Flask
- Would have many routes for each of the different pages
- We would also have the SQLite database imported here

HTML page templates
- Home Page Template
- Each of the pages that describe the Topic template

Database:
- ID that identifies what topic the page talks about
- Text which contains all the information we want displayed on the page

Navigation Bar:
- Each of the pages are linked either at the side or at the top
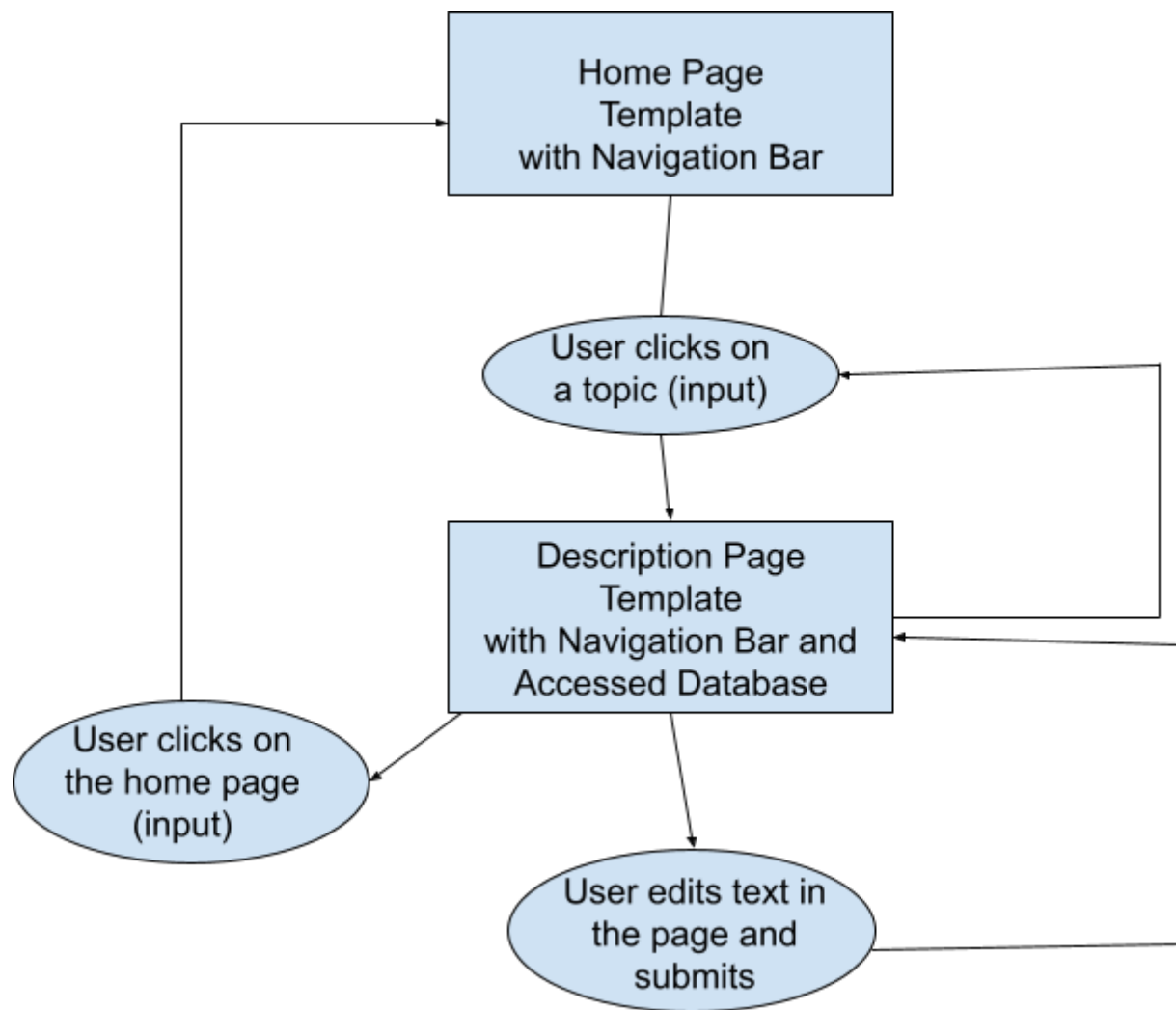
List of Pages:
- Home page that contains a list of all of the other pages
- Each of the separate Topic pages that can link back home and have a list at the side as well
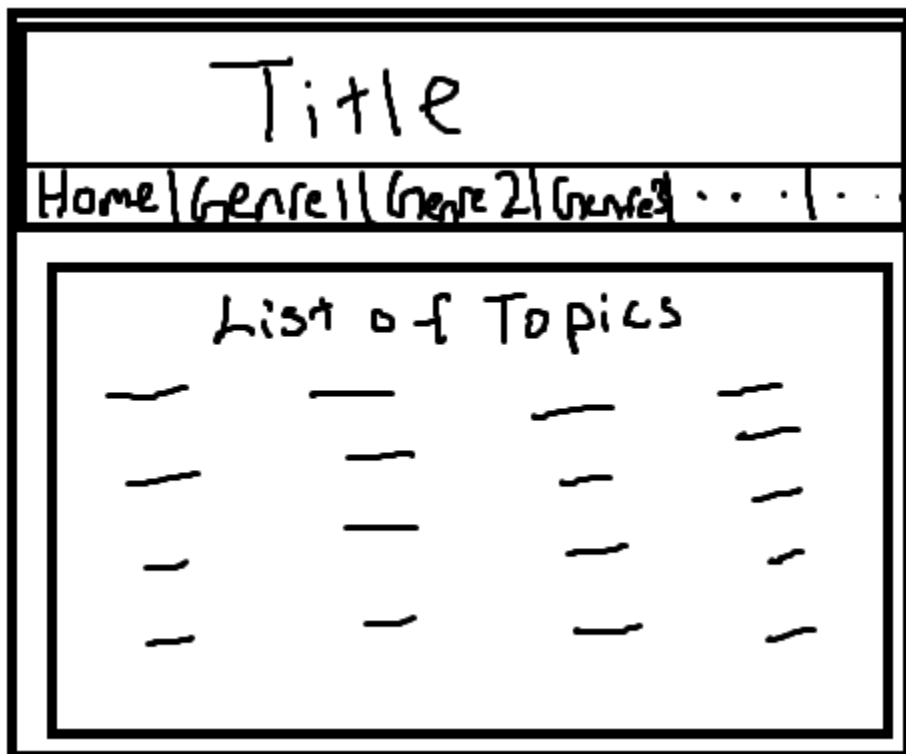
Database Organization:

articles:

id (INTEGER)	title (TEXT)	body (TEXT)	img_url (TEXT)	img_caption (TEXT)

Component Map:

```
          ┌─────────────────────────┐
          │       Home Page          │
   ┌─────→│       Template           │
   │      │  with Navigation Bar     │
   │      └─────────────────────────┘
   │                  │
   │                  ↓
   │           ╭──────────────╮
   │           │ User clicks on │←──────┐
   │           │ a topic (input)│        │
   │           ╰──────────────╯          │
   │                  │                   │
   │                  ↓                   │
   │      ┌─────────────────────────┐     │
   │      │    Description Page      │     │
   │      │       Template           │←──┐ │
   │      │ with Navigation Bar and  │    │ │
   │      │   Accessed Database      │    │ │
   │      └─────────────────────────┘    │ │
   │         │              │              │ │
   │         ↓              ↓              │ │
╭──────────────╮    ╭──────────────╮      │ │
│ User clicks on│    │User edits text in│──┘ │
│ the home page │    │  the page and    │────┘
│   (input)     │    │    submits       │
╰──────────────╯    ╰──────────────╯
```

Site Map:

Home Page:

Title

Home | Genre 1 | Genre 2 | Genre 3 · · · | · ·

List of Topics

Pages basic Format:

Topic NAME

Home | Genre 1 | Genre 2 | Genre 3 · · · | · · ·

Text

IMAGE

caption

Image
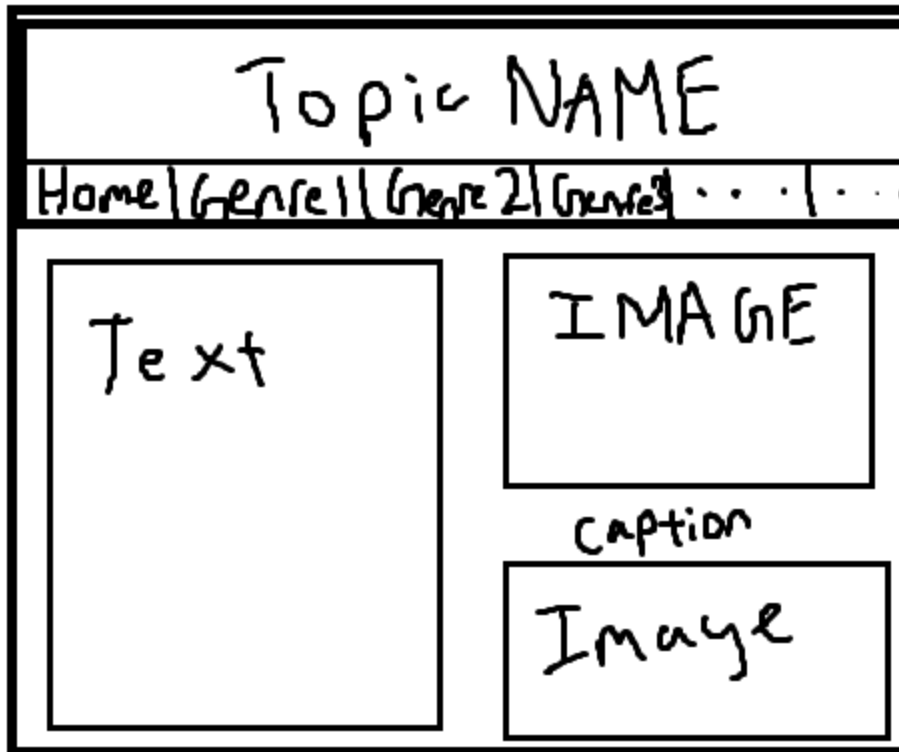
How the linkage would work:

Home page
Nav bar
List of links
— — —
— — —
— — —
— — —
— — —

Topic Page
Nav bar
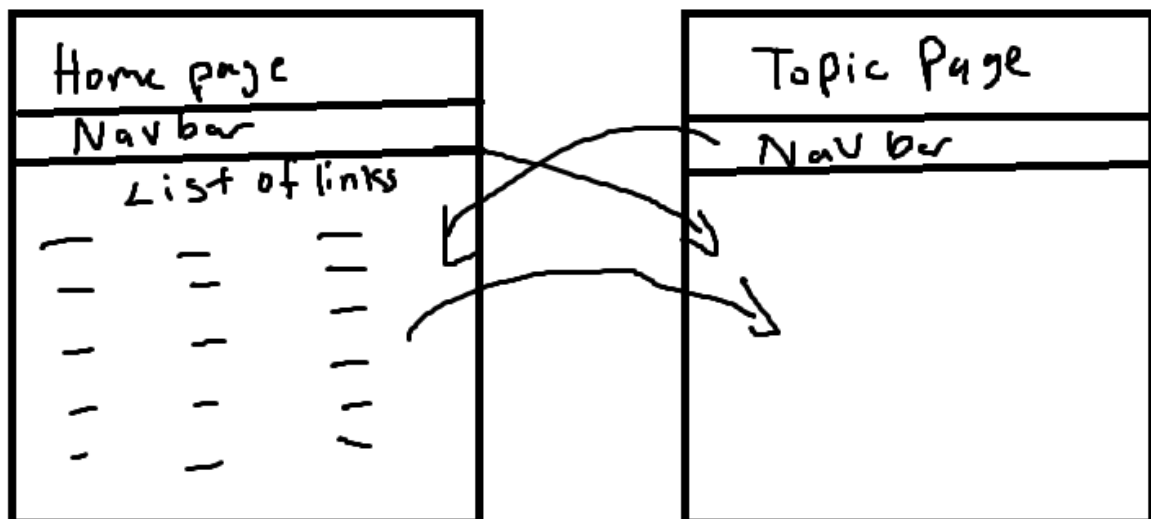
Basically the way the user can go from page to page consistently will always be through the navbar. The navbar contains the link to every page as well as the home page. The home page also has a special list of links that can also go to that specific page.

Tasks:

Wen Hao Dong:
- Templates HTML

Roshani Shrestha:
- Python Flask App

Justin Zou:
- SQLite Database